

Draft Permitting Data Standard

The EDSC chartered the Permitting Data Standard Action Team to identify and define the major areas of permitting information, and to develop a data standard that could be used for the exchange of permitting data among environmental agencies and other entities. The proposed Permitting Data Standard presented below is not intended to be a system design or to cover every detail of permitting data that are currently exchanged or managed; instead, it focuses on core information common across most program areas and organizations. The draft standard is not intended to constrain what information an agency chooses to collect, nor does it constitute a reporting requirement. It merely defines a standardized way to organize and exchange key information *if agencies choose to exchange that information*.

This standard is designed to provide simple, high-level information that includes core data - information sufficient to identify a permit, as well as some information on administrative status and history, that is common across most organizations and programs. The standard does not contain more detailed information that is program-specific. Standardization of this program-specific data should be accomplished via the development of program-specific standards (consistent with this overall standard) and/or the development of Data Exchange Templates between information exchange partners.

This standard is inter-related to standards representing other environmental business areas (e.g., Facility Identification Standard) because environmental business areas are inter-related (e.g., facilities have permits, agencies take enforcement actions against organizations who own facilities and permit.. For example, core information about a permit includes facility information (defined in the Facility Identification Standard) and information about chemical and biological parameters (defined in the Chemical and Biological ID standards). Rather than reinvent or duplicate these existing standards, the Team has identified the importance of this information and essentially incorporated it by reference.

Permit action - A “permit” is a permit, authorization, license, or equivalent used to implement the requirements of an environmental regulation. A permit is issued to an individual or organization and typically specifies pollutant discharge limits or operating procedures. A permit may be uniquely identified by the combination of three data elements: 1) Permit Number/Identifier, 2) Name of Issuing Organization, and 3) Permit Type.

The following table contains a draft of the Permitting Data Standard and does not represent a mandatory list of required elements for data exchange between EPA and partners.

Data Element Name	Data Element Definition	Notes	Format
<i>Relationships to External Standards</i>			
A permit may be related to a facility (Facility Data Standard). The association between standards may be through the following data elements: Facility Site Name, Environmental Interest, Facility Owner/Operator, Facility Registry Identifier, and State Facility Identifier.			
A permit may address one or more regulated substances (Chemical Identification and/or Biological Taxonomy Data Standards).			
A permitted feature may address one or more regulated substances (Chemical Identification and/or Biological Taxonomy Data Standards).			
A facility may have one or more permits.			

Relationships within the Permitting Data Standard

A permit may be related to another permit (*e.g.*, an individual facility coverage may be related to an overarching General Permit).

A permit may have one or more permitted features.

A permit may be associated with one or more data elements of administrative information (multiple dates may create history).

A permit may be associated with one or more permitting contacts.

A permitted feature may be associated with one or more data elements of administrative information.

A permitted feature identifier may be associated with one or more permitted feature types.

Permit Identification Data Elements

Definition:

Identification information about the permit and the organization responsible for issuing or granting the permit.

1	Permit Name	The name assigned to the permit by a permit issuing/granting organization to identify a permit or permit application.	(<i>e.g.</i> , RCRA Treatment/Storage/Boiler Permit) At least one of #1 or #2 must be populated.	A(60)
2	Permit Number/Identifier	The alphanumeric identifier assigned to the permit by a permit issuing/granting organization to identify a permit or permit application.	(<i>e.g.</i> , 51432)	A(20)
3	Permittee	The name of the individual or organization to whom a permit has been issued or granted.	(<i>e.g.</i> , Atofina Chemical Inc.)	A(60)
4	Name of Issuing Organization	The name of the organization issuing or granting a permit.	(<i>e.g.</i> , Missouri Department of Natural Resources)	A(60)
5	Permit Issuing Organization Type	The type of organization issuing or granting a permit.	(<i>e.g.</i> , Federal, State, Tribal, Regional, County, Municipal)	A(20)
6	Other Permit Number/Identifier	Other alphanumeric identifiers used to identify a permit or permit application.		A(20)
7	Other Organization Name	The name of the organization issuing the other permit number/identifier.		A(60)
8	Other Permit Number/Identifier Context	A brief description of the other permit number/identifier context	(<i>e.g.</i> , authorization ID used by Pa DEP for tracking)	A(100)

9	Program Name	The name of the program/jurisdictional authority under which a permit is issued or granted.	<p>The following are representative samples of permissible values:</p> <p>Air Quality Water Quality/NPDES Hazardous Waste/RCRA Underground Injection Control (UIC) Solid Waste Mining</p>	A(40)
10	Permit Type	The type of permit issued or granted to a regulated entity.	<p>The following are representative samples of permissible values for Federal and State environmental permit programs. Permissible values are specific to program name.</p> <p>NPDES-Major nonmunicipal - individual NPDES-Minor nonmunicipal - individual NPDES-Major municipal - individual NPDES-Minor municipal - individual NPDES-General permit NPDES-General permit coverage - individual facility, major NPDES-General permit coverage - individual facility, minor NPDES-No exposure Certification RCRA-Part A RCRA-Part B AIR-General AIR-Title IV (acid rain) AIR-Title V AIR-Synthetic Minor AIR-Minor UIC-Construction UIC-Operation</p> <p>SOLID WASTE-Municipal Land Fill SOLID WASTE-Industrial</p>	A(120)

			Land Fill SOLID WASTE-Transfer Station SOLID WASTE-Land Application MINING-Coal Mining Surface Mining Permit MINING-Coal Mining Operators License MINING-Industrial Minerals Mining Activity Permit	
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Permitted Feature Data Elements <i>Definition:</i> Information about the permitted feature of a permit. A permitted feature is a unit, physical structure, feature, or process described in a permit.				
11	Permitted Feature Identifier	The alphanumeric identifier or name assigned by a permit issuing organization to identify a permitted unit, feature, or process.	(e.g., Industrial Furnace AV). This data element may be used multiple times to describe multiple features. Each permitted feature identifier should be associated to at least one permitted feature type (See item #12).	A(40)
12	Permitted Feature Type	The type of permitted unit, feature, or process represented by an identifier.	Permissible values may include: External outfall Internal outfall Lagoon Land application site Incinerator Stack Pumping station Monitoring well Perc pond Landfill Surface impoundment Waste pile Tank Container Boiler and industrial furnace	A(40)

13	Permitted Feature Operating Status	The name of the category describing the operating status of a permitted unit.	Permissible values may include: Proposed Under construction Constructed, but not yet active Active/Operating Inactive Clean/Closed Closed in place Not constructed Operating Operating, but not discharging Not operating Seasonal shut down Temporary shut down	A(40)
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Permit Administration Data Elements <i>Definition:</i> Administrative information about the permit.				
14	Permit/Permitted Feature Administrative or Legal Status	The administrative or legal status of a permit or permitted feature.	Permissible values may include: Pending Appealed Denied Active Inactive Expired Extended Withdrawn Revoked Not required	A(20)
15	Permit Application Completion Date	The calendar date that a permit application was deemed to be complete.		D(8) YYYYM MDD
16	Permit Issue Date	The calendar date that a permit was issued.		D(8) YYYYM MDD
17	Permit Effective Date	The calendar date that a permit becomes effective.		D(8) YYYYM MDD
18	Permit Expiration Date	The calendar date that a permit expires.		D(8) YYYYM MDD

19	Permit Revocation Date	The calendar date that a permit will be or was revoked.		D(8) YYYYMM MDD
20	Permit Termination Date	The calendar date that a permit will be or was terminated or surrendered.		D(8) YYYYMM MDD

Permitting Contact Data Elements <i>Definition:</i> Contact information for the individual responsible for the permit.				
21	Permitted Entity Contact Full Name	The complete name of the contact individual at the permitted entity who is the point of contact for permitting information, including first name, middle name or initial, and surname.		A(70)
22	Permitted Entity Contact Telephone Number	The voice telephone number of the person at the permitted entity who is the point of contact for additional permitting information.		A(15)